

20031104.qrp v03_n094.qrl.20031104

Date: Tue, 4 Nov 2003 19:03:15 EST
From: qrp-1@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: QRP-L digest 3094

QRP-L Digest 3094

Topics covered in this issue include:

- 1) [160583] AmQRP soon-to-be-new rig
by Paulette Quick <wb9vhf@globaldialog.com>
- 2) [160584] W-98
by "James Parsons" <res075cz@gte.net>
- 3) [160585] Re: Need Some Antenna Support Ideas
by "James R. Duffey" <JamesDuffey@comcast.net>
- 4) [160586] Re: New Club Kit coming
by "John Harper" <john@ae5x.com>
- 5) [160587] WTD: Nov. QST
by "Carl Morris, WN3DUG" <cwmorris@pa.net>
- 6) [160588] T000 & QRP
by "John Harper" <john@ae5x.com>
- 7) [160589] ARS SP
by "Rod N0RC" <rod@n0rc.us>
- 8) [160590] National Radio Emergency Network (NREN)
by "Charles Mabbott" <aa8vs@msn.com>
- 9) [160591] Fw: Frankenkeyer
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 10) [160592] Spartan Sprint
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 11) [160593] FS: DSW-II-20
by John Buck <kh7t@arrl.net>
- 12) [160594] Re: WINDINGS CALCULATOR
by "Thomas Martin" <df7tv@arrl.net>
- 13) [160595] Re: WTD: Nov. QST
by "Dave Ek" <ekdave@earthlink.net>
- 14) [160596] ARRL CW SS 2003
by ALAN.KAUL@att.net
- 15) [160597] Re: Frankenkeyer--OOPS
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 16) [160598] Michigan QRP Net Tonight
by kwiike@gdls.com
- 17) [160599] Re: Deal on new laptop
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 18) [160600] Re: New Club Kit coming
by Lloyd Lachow <llachow@yahoo.com>
- 19) [160601] Re: New Club Kit coming

- by AA3BP@aol.com
- 20) [160602] RE: Regen Receiver Fun
by Steve.Lawrence@ITWFEG.COM
 - 21) [160603] Re: New Club Kit coming
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
 - 22) [160604] Re: National Radio Emergency Network (NREN)
by "Noyce, Bill" <william.noyce@hp.com>
 - 23) [160605] RE: Nov. QST
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
 - 24) [160606] NEQRP SSB NET - not forgotten
by "Ron Pfeiffer" <n1zsw@hotmail.com>
 - 25) [160607] RE: Nov. QST
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
 - 26) [160608] SS results for K9IUA
by Kevin Anderson <k9iua@juno.com>
 - 27) [160609] ElmerRadio Shameless Commercial Plug #2
by kizerian@xmission.com
 - 28) [160610] FW: [NoGaQRP] Elecraft K1 SSB modification
by "Boulineau, Lee" <lee.boulineau@attws.com>
 - 29) [160611] I LIKE MINE....
by wa6ltv@comcast.net
 - 30) [160612] Re: Nov. QST
by Alex <kr1st@amsat.org>
 - 31) [160613] Elecraft SWR meter
by Steven Weber <kd1jv@moose.ncia.net>
 - 32) [160614] Re: I LIKE MINE....
by "Mike Boatright" <ko4wx@mindspring.com>
 - 33) [160615] RE: WINDINGS CALCULATOR
by Steve.Lawrence@ITWFEG.COM
 - 34) [160616] Re: National Radio Emergency Network (NREN)
by "William H. O'Hara III" <ohara@aaaahawk.com>
 - 35) [160617] OT CPO
by "W2WU" <w2wurjj@verizon.net>
 - 36) [160618] Re: New Club Kit coming
by "Bill Jones" <kd7s@psnw.com>
 - 37) [160619] re: DSW-II-20 sold
by John Buck <kh7t@arrl.net>
 - 38) [160620] Re: OT CPO
by "Mike Boatright" <ko4wx@mindspring.com>
 - 39) [160621] FS: Book: Oscilloscopes - Selecting & Restoring a Classic
by "Lee Hopper" <leehopp@msn.com>
 - 40) [160622] Re: FS: Book: Oscilloscopes - Selecting
by "Lee Hopper" <leehopp@msn.com>
 - 41) [160623] novice subbands..
by "Sergio T. Ruiz" <sergio@philway.com>
 - 42) [160624] RE: Regen Receiver Fun
by Adam Farson <farson@shaw.ca>
 - 43) [160625] DK9SQ Mast and Loop?

by ARDUJENSKI@aol.com

44) [160626] dang my indecision..
by "Sergio T. Ruiz" <sergio@philway.com>

45) [160627] Iowa QRP Club CW Net
by Mark Milburn <mark.milburn@ispwest.com>

46) [160628] FPqrp 40 Meter Truffle Hunt tonight!
by "w8diz" <w8diz@cinci.rr.com>

47) [160629] Re: FS: Book: Oscilloscopes - Selecting
by Garey Barrell <k4oah@mindspring.com>

48) [160630] Re: dang my indecision..
by "John J. McDonough" <wb8rcr@arrl.net>

49) [160631] Re: dang my indecision..
by David Toepfer <davetoepfer@yahoo.com>

50) [160632] RE: Nov. QST
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

51) [160633] Bands
by "Pastor-kc1di" <elbc2@gwi.net>

52) [160634] FS: KB1FKL shack items
by "kb1fkl" <kb1fkl@myeastern.com>

53) [160635] seeking wav file of SID
by Jim Giammanco <giamman@rouge.phys.lsu.edu>

54) [160636] Re: Elecraft SWR meter
by Mik Ishmael <mightymik2@comcast.net>

55) [160637] K1 vs. KX1
by Lloyd Lachow <llachow@yahoo.com>

56) [160638] Re: dang my indecision.. take two!
by Lloyd Lachow <llachow@yahoo.com>

57) [160639] Re: Bands
by jmthurman@centurytel.net

58) [160640] Re: K1 vs. KX1
by "John J. McDonough" <wb8rcr@arrl.net>

59) [160641] Re: Elecraft SWR meter
by "Jason Hsu" <jhs001@heronetwork.com>

60) [160642] Re: DK9SQ Mast and Loop?
by John Sielke <jsielke@pobox.com>

61) [160643] Re: Bands
by John Sielke <jsielke@pobox.com>

62) [160644] n5obc virus mail alert
by Bob KB2FEL <kb2fel@yahoo.com>

63) [160645] One person's opinion on BPL
by Brad Thompson <Brad.Thompson@VALLEY.NET>

64) [160646] Re: Bands
by John Rollins <kd7bcy@teleport.com>

65) [160647] X-20 MEGA-FLARE
by "Mark S. Adams" <msadams@buffalo.edu>

66) [160648] Launching Lines...
by "Mike Yetsko" <myetsko@insydesw.com>

67) [160649] Re: n5obc virus mail alert

by John Sielke <jsielke@pobox.com>
68) [160650] Re: n5obc virus mail alert
by Bob KB2FEL <kb2fel@yahoo.com>
69) [160651] QRP kits and salesmanship - some elaboration.....
by "John Harper" <john@ae5x.com>
70) [160652] Truffle and Foxii's tonight
by "Jerry Ford" <benlightnd13@mchsi.com>
71) [160653] Re: QRP kits and salesmanship - some elaboration.....
by "steve" <swells244@bellsouth.net>
72) [160654] Re: K1 vs. KX1
by Lloyd Lachow <llachow@yahoo.com>
73) [160655] RE: One person's opinion on BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
74) [160656] FS: update KB1FKL shack items
by "kb1fkl" <kb1fkl@myeastern.com>
75) [160657] RE: One person's opinion on BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

Date: Mon, 3 Nov 2003 18:12:43 -0600
From: Paulette Quick <wb9vhf@globaldialog.com>
To: qrp-l@Lehigh.EDU
Subject: [160583] AmQRP soon-to-be-new rig
Message-ID: <1067904763.3fa6eeffb09b0d@webmail.gdinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Doug, can we send the checks to AmQRP now?

What should I write on the check Memo line? How about "Doug's Top-Secret Rig" ?

Paulette Quick, WB9VHF (ex-N90UH)
Madison, WI
and the flock
featuring Sierra, the cockatiel with a great sidetone

This mail sent through Global Webmail(tm): <http://webmail.gdinet.com>
For additional information contact support@gdinet.com or go to <http://www.gdinet.com>.

Date: Mon, 3 Nov 2003 18:21:44 -0600
From: "James Parsons" <res075cz@gte.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160584] W-98
Message-ID: <006001c3a269\$a0df9960\$6401a8c0@PARSONS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an older laptop I am going to use for PSK31 QRP. But my laptop has Windows 95 and I would like to upgrade it to Windows 98. I have a W-98 disk but it is only for new installs. I need an upgrade program from W-95 to W-98 if anyone has one to sell.

73 de Jim, K5ROV

Ham for over 60 years, 80 % CW, 10 % digital, 10 % SSB
K5ROV@arrl.net. ARMS, ARRL, Ex: W1RLA, K5FBB, K4FEO,
SV0WN (Crete), SV0WN (Rhodes), DL4NC, DL4JP, KA2FC (Japan) ,
KA2JP (Japan).
John 3-16

Date: Mon, 03 Nov 2003 18:26:10 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <Mike.Johnson@med.ge.com>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [160585] Re: Need Some Antenna Support Ideas
Message-ID: <BBCC4E41.F198%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Mike - You might want to look into the top rails for chain link fences. You can get these in 20 and 10 ft lengths pretty cheap. They need to be guyed, but I think in the long run you will be happier than with the telescoping poles.

You might also do an e-bay search on mast. There are a couple of guys there who sell surplus 4 ft long fiberglass or aluminum mast sections that have one end swaged so that they fit into each other. They run about \$4-\$5 a 4 ft section.

Let us know what you decide. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Mon, 3 Nov 2003 20:39:12 -0500
From: "John Harper" <john@ae5x.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [160586] Re: New Club Kit coming
Message-ID: <000001c3a274\$82b5e290\$6401a8c0@JOHN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The same type of announcement preceeded the imminent arrival of the Norcal 30 "beats the K2 in every way", Latest, Greatest, Most Updatest, Won't Rust, Bust or Collect Dust, 30m transceiver kit. Ditto for the Norcal 20: over promoted, under delivered.

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Mon, 3 Nov 2003 20:42:09 -0500
From: "Carl Morris, WN3DUG" <cwmorris@pa.net>
To: <qrp-l@Lehigh.EDU>
Subject: [160587] WTD: Nov. QST
Message-ID: <027001c3a274\$dcfe1150\$2101a8c0@Carl>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The ARRL doesn't sell QST on the Newstands anymore.
Something about saving money, or something like that.

I wonder how a new person, interested in Ham Radio,
can find out about it in QST if they don't put it before the
public at Border's, Barnes and Noble, etc.

This should be the first place for QST to be sold.

73 (Miss that one, too), Carl, WN3DUG

Date: Mon, 3 Nov 2003 20:44:40 -0500
From: "John Harper" <john@ae5x.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [160588] T000 & QRP
Message-ID: <000501c3a275\$36c5c570\$6401a8c0@JOHN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

>From QRP-F (<http://www.e-discounter.net/qrp-parci/>):

Hello all,
I will be making a special effort listening for QRP stations while in
Martinique November 8 thru November 20th. The mode will be CW only & I will
be on all HF bands.

There is a 160 meter cw contest the weekend of the 15th.....Those who have
the heart for it are more than welcome to give me a call on 160 while QRP. I
will do my best to listen for you.

Please see qrz.com for QSL information about T0 0.

Thanks much,
Tom T0 0 & KC W

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Mon, 3 Nov 2003 18:52:52 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-l" <qrp-l@Lehigh.EDU>, "cqc-l" <CQCLIST@yahoogroups.com>,
 <elecrafft@mailman.qth.net>
Subject: [160589] ARS SP

Message-ID: <000f01c3a276\$5c316ed0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well gang the sun did it again, two more X flares about 12 and 24 hours ago:

http://sec.noaa.gov/rt_plots/xray_5m.html

Flux is up so listen to 15 (I heard beacons on 15) maybe 10m tonight.

73, Rod NØRC

Date: Mon, 03 Nov 2003 21:44:18 -0500
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-l@Lehigh.EDU
Subject: [160590] National Radio Emergency Network (NREN)
Message-ID: <BAY5-F7liADEc9CxrqM0000da24@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

FYI

The National Radio Emergency Network (NREN) will commence operations December 1, 2003. This program is a cooperative effort developed by a number of CW net managers throughout the United States. It is intended to provide an alternative public service network geared to low-power, portable, and mobile stations.

At the present time, there are numerous High Frequency SSB nets geared to regional or special purpose communications functions. While these nets do an excellent job and are to be commended, access to these communications circuits often proves difficult for low power or portable stations (i.e. QRP, etc.), particularly when propagation conditions are less than optimal. Because CW provides significantly more reliability for stations operating at low power levels (QRP) or with compromise antennas, this will be a "CW based" program.

Through NREN, one can.....

- * Originate routine messages to locations throughout the United States and Canada. These messages may be refiled to existing NTS circuits, or, in the case of time sensitive messages, may be delivered via Internet or other public telecommunications resource as requested by the originator.

- * Originate priority or emergency traffic when scheduled nets are not in session or when one is located in an area where there is no viable ARES group or similar public service program (rural areas, etc.).

- * Facilitate coordination or the establishment of point-to-point circuits between distant locations in time or emergency, such as a circuit linking one or more ARES or NTS Nets.

NREN is not intended as a substitute for existing NTS or ARES nets. However, there are many occasions when communications must be established when these nets are not in session. In addition, the time sensitive nature of some public service traffic is such that the usual cycle of NTS nets may occasionally need to be bypassed.

NREN works on the time-tested principle of a "radio watch." NREN member stations throughout North America maintain a watch on one or more of three selected frequencies. These frequencies, located in the 40, 30, and 20 Meter bands have been selected after a two month study of general Amateur Radio activity.

In order to originate a message, all one has to do is call "NREN" and list traffic for subsequent routing and delivery. The traffic will then be routed to the appropriate NTS network or delivered directly as required by an NREN operator.

A complete description of NREN, along with a file containing the NREN Standard Operating Procedures is available at:

www.aa8vs.org/nren/

It is our hope that this program will provide an excellent alternative for stations with an interest in effective, reliable, public service and emergency communications. Please visit our web page and check us out!

Submitted by
Chuck AA8VS

Send a QuickGreet with MSN Messenger
http://www.msnmessenger-download.com/tracking/cdp_games

Date: Mon, 3 Nov 2003 21:08:58 -0800
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160591] Fw: Frankenkeyer
Message-ID: <007d01c3a291\$c0c63a40\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I thought this was kind of cool for those who like gadgets with Swiss Army Knife functionality. Of course essentially, it's just a keyer.

So many things can be done with the cool microcontroller chips out there these days, (Jimmy & John could testify better on this). I'm fixing to start doing some PIC programming & projects soon.

73--Nick, WA5BDU

----- Original Message -----
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, October 27, 2003 5:44 PM
Subject: KITS: Frankenkeyer

> Seeing Halloween is a few days away, it seems appropriate to finally
> announce I'm now accepting pre-paid orders for the "Frankenkeyer".
>
> The "Frankenkeyer is of course, a keyer, with some monster features:
>
> REAL TIME CLOCK with Morse output. (minutes only/hrs-mins/date)
> Programmable ALARM with relay drive output
> Morse output FREQUENCY COUNTER with programmable IF offsets
> Morse output VOLTMETER (up to 25.5 volts)
> Morse output POWER METER (up to 6.0 watts, requires diode detector on
> antenna jack)
> Variable pitch side tone in tune mode (requires reverse power input from
> your SWR bridge)

> Four (4) 100 character message memories, with message pause, stop and
> repeat control from paddle.
>
> Price, \$25.00 postpaid US and Canada. \$27.00 DX. Shipping end of Nov.
> Full details at <<http://www.qsl.net/kd1jv/>>
>
> Special deal! Order one or more Rock Mite audio filter board kits at the
> same time for \$10.00 each.
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

Date: Mon, 3 Nov 2003 19:07:49 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power radio discussion <qrp-l@Lehigh.EDU>
Subject: [160592] Spartan Sprint
Message-ID: <20031104030749.1325.qmail@web60302.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

NJ4X in UT is definitely puttin' a bunch of folks in his 20 and 40m
log. Great signal on both bands and a super op. Great job!!

I'm happy someone has propagation because I can't hear crap (with the
exception of NJ4X of course). HI

72, Gary -K8KFJ-
Somewhere in the WV hills

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Mon, 03 Nov 2003 17:18:36 -1000
From: John Buck <kh7t@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [160593] FS: DSW-II-20
Message-ID: <3FA71A8C.5080305@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

This DSW-II-20 is the 20 meter version of Small Wonder Labs (Dave Benson, K1SWL) kit built and tested by John Buck KH7T. Beautiful design, looks and works great. See Dave's web site for detailed information on this and other neat rigs. <http://www.smallwonderlabs.com/> \$150 shipped Priority Mail.

Aloha,
John KH7T

Date: Tue, 4 Nov 2003 04:50:02 +0100
From: "Thomas Martin" <df7tv@arrl.net>
To: qrp-l@lehigh.edu
Subject: [160594] Re: WINDINGS CALCULATOR
Message-ID: <3FA72FFA.13336.133B36@localhost>

Hello,
those having still DOS on their PC may also want to try TOROID (free) from Micrometals. Their catalog "Q Curves for Iron Powder Cores" supplies you with some additional information about influence of parameters affecting Q and self-capacitance.

Information is available at www.micrometals.com

73

Thomas, DF7TV

--

Thomas Martin, Stuttgart, Germany
<http://www.qsl.net/df7tv>

Date: Mon, 3 Nov 2003 20:54:51 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [160595] Re: WTD: Nov. QST
Message-ID: <000b01c3a287\$669a51a0\$6801a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Carl,

While it wouldn't upset me at all if QST were once again sold in bookstores, I think it's worth noting that there are many other avenues for learning about ham radio. First, many public libraries carry QST. And let's not forget the internet. These days, the internet is the first place to look for information on a topic of interest to you. A good web presence (which the ARRL has) is arguably more valuable than exposure on newsstands and in bookstores. Even better is an elmer. After all, how does one usually learn about ham radio? From an acquaintance, most likely.

73 de Dave NK0E

Carl wrote:

The ARRL doesn't sell QST on the Newstands anymore.
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I wonder how a new person, interested in Ham Radio, can find out about it in QST if they don't put it before the public at Border's, Barnes and Noble, etc.

This should be the first place for QST to be sold.

Date: Tue, 04 Nov 2003 08:28:05 +0000
From: ALAN.KAUL@att.net
To: qrp-l@lehigh.edu
Subject: [160596] ARRL CW SS 2003
Message-ID: <110420030828.20186.11b3@att.net>

Howdy all, I've been away from the list for a while.

A year ago (or was it 2?), Chuck launched his Wyoming SS-pedition for sweepstakes CW.

Anyone know if he went to another exotic place this time around? Did anyone mount a QRPedition?

It's not too late if you want to plan one for the next leg -- the SSB SS is coming up in less

than 2 weeks!

Bob, N6WG, and a few others and I had a great time in the CWSS. I worked AWAS (Almost Worked All states -- missing only 3 during my 12 hours of operating time). It is the absolute best contest for QRP, because you don't have to work thousands of miles to get points -- even the ham next door can be a multiplier!!!

Congrats BOB on the fine score!

Best 72/73.

--

Alan Kaul W6RCL LaCanada, CA 91011
e-mail: w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Tue, 4 Nov 2003 05:01:18 -0800
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160597] Re: Frankenkeyer--00PS
Message-ID: <008901c3a2d3\$bcacdb70\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry abt the weird repost. This was supposed to be a forward to another group.

72-Nick, WA5BDU

Date: Tue, 4 Nov 2003 07:03:59 -0500
From: kwike@gdls.com
To: qrp-1@Lehigh.EDU
Subject: [160598] Michigan QRP Net Tonight
Message-ID: <0F3646018C.937DBFDB-0N85256DD4.00423AB3@gdls.com>

MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

We had nine check-ins last week. Conditions were good with strong signals even with the sun doing its thing with flares.

AA1MY	599 599	BETHEL	ME SEAB
K8CV	599	ROYAL OAK	MI WALT
WA8BXN	599 599	CLEVELAND	OH MIKE
K8NWD	599 599	WATERFORD	MI TIM
WA8REI/P	599 599	AUBURN	MI KEN
W2SH	569 579	MILLINGTON	NJ CHARLES
KA8ONW	599 599	MASON	MI MARK
N1CUU	569	GETTYSBURG	PA CARL
NZ9U	569 589	MEDFORD	WI JACK

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern Time on 3.535 MHz. All hams are welcome.

Ed AB8DF Waterford, MI

Date: Tue, 4 Nov 2003 07:24:57 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Thomas Lewis <thomas_h_lewis@msn.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160599] Re: Deal on new laptop
Message-ID: <20031104072219.G51510-1000000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> The final decision was made based upon Costco's computer return policy.
> They state they will take any computer back for 6 months. One of the
> employees told me they have taken them back long after that.

Sam's Club has the same policy AND for units that sell for less than 1000 bucks, you can get a 4 year extended warranty for 139 dollars.

Costco no longer offers extended warranties in the stores.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList

<http://www.tlchost.net>

Web Hosting as low as \$3.49/month

Date: Tue, 4 Nov 2003 05:28:07 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160600] Re: New Club Kit coming
Message-ID: <20031104132808.52910.qmail@web41014.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

OK - after reading Doug's post, I'm QRV to send a
blank check to AmQRP...just send my ?? kit priority,
ok?

8^D,

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 04 Nov 2003 08:30:00 -0500
From: AA3BP@aol.com
To: john@ae5x.com ("John Harper"), qrp-1@lehigh.edu
Subject: [160601] Re: New Club Kit coming
Message-ID: <65EB61EA.7CB0568C.0000C503@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Extremely well stated, John!

I learned my lesson on the 38 Special. Remember that one -- more mods on the PCB

bottom than parts on the top. Then I forgot the lesson and fell for the NC 20 hype -- you know, pay double for the kit (design flaws included) and we'll send freebies to someplace else (but don't ask for details/results).

The humble club projects of 10 years ago appear to have evolved into a quasi-commercial operation. And this is fine - no problem! Without this network, we wouldn't have a lot of useful QRP related gadgets! BUT, lets treat it as such. Critique it, praise it, pan it based on the merit and not the source.

Again, your comments reflect my sentiments. Thanks for expressing them.

Jim, AA3BP
Mechanicsburg, PA

In a message dated 11/3/2003 8:39:12 PM Eastern Standard Time, john@ae5x.com writes:

>
>
> The same type of announcement preceeded the imminent arrival of the Norcal
> 30 "beats the K2 in every way", Latest, Greatest, Most Updatest, Won't Rust,
> Bust or Collect Dust, 30m transceiver kit. Ditto for the
> Norcal 20: over
> promoted, under delivered.
>
> John Harper AE5X
> Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Tue, 4 Nov 2003 09:40:31 -0500
From: Steve.Lawrence@ITWFEG.COM
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160602] RE: Regen Receiver Fun
Message-ID: <0F473F545B.4CB66601-ON85256DD4.0050435D-85256DD4.00509D16@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

OK, you've got my attention. I've wondered what made regenerative receivers interesting in the past, and now I have to build one.

>From you regen aficionados, I'm now looking for recommendations on good circuit suggestions for a solid state, state-of-the-art regen receiver... please post references, URL's, etc.

tnx,
Steve

aa8af

Date: Tue, 4 Nov 2003 14:43:24 -0000
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160603] Re: New Club Kit coming
Message-ID: <005401c3a2e2\$1775a380\$0200000a@celeron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those that weren't around when I published them there were indeed reports of where some of the NC20's wound up due to GQRP's distribution to "foreign parts". Obviously, there were some places we haven't mentioned because they got there via "unconventional means". There are still some that remain to be distributed. If someone has a precise destination in mind, and a means of getting them there, then we would be pleased to discuss it. Obviously, we are keen to get radios to countries where ordinary post is unlikely to reach the destination without going missing.

One place we can mention where they have done a lot of good (and which has material "on-line") is Romania. You can read about this on Gloria G3VUN's website <http://www.networkgloria.org.uk/> - click on Projects/Norcal. There are kids using these radios that would otherwise not have access to Amateur Radio.

I also reported about other destinations in a QRPP article in a while back.

Norcal/AmQRP have also had initiatives where you buy one and give to a kid. Do we really need to know which kids got them? I don't see why but the choice is clear. If folk don't want to support these schemes then they don't have to, but many people have had a lot of fun and learned something on the way with kits that really aren't that expensive - so where's the harm?

Doug is doing what he does best. Drumming up a bit of excitement in the hobby. So before we knock him we should maybe ask what we have done for QRP lately.

Kind regards
Tony - G4WIF

----- Original Message -----
<snip>

Then I forgot the lesson and fell for the NC 20 hype -- you know, pay double for the kit (design flaws included) and we'll send freebies to someplace else (but don't ask for details/results).

>

> The humble club projects of 10 years ago appear to have evolved into a quasi-commercial operation. And this is fine - no problem! Without this network, we wouldn't have a lot of useful QRP related gadgets! BUT, lets treat it as such. Critique it, praise it, pan it based on the merit and not the source.

>

> Again, your comments reflect my sentiments. Thanks for expressing them.

>

> Jim, AA3BP

> Mechanicsburg, PA

>

Date: Tue, 4 Nov 2003 09:48:54 -0500
From: "Noyce, Bill" <william.noyce@hp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [160604] Re: National Radio Emergency Network (NREN)
Message-ID:
<6D6463F31027B14FB3B1FB094F2C7447047D9FD0@tayexc17.americas.cpqcorp.net>
Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Interesting idea, though it looks like the network is not quite "National" yet! I have one dumb question -- what is the "bottom of the hour"? Is that around xx:30, or around xx:55, or something else?

-- Bill, AB1AV

Date: Tue, 4 Nov 2003 09:57:00 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160605] RE: Nov. QST
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511EA2@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I don't know the exact costs involved, but it was in the 6 figures, if =
memory serves. There are better ways to recruit new hams than to expend =
that much money.

If you think it should continue to be sold on the newsstands, what other =
ARRL programs do you think should be cut or curtailed? That's pretty =
much how it has to work.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Carl Morris, WN3DUG [mailto:cwmorris@pa.net]
> Sent: Monday, November 03, 2003 8:42 PM
> To: Low Power Amateur Radio Discussion
> Subject: WTD: Nov. QST
>=20
>=20
>=20
> The ARRL doesn't sell QST on the Newstands anymore.
> Something about saving money, or something like that.
>=20
> I wonder how a new person, interested in Ham Radio,
> can find out about it in QST if they don't put it before the
> public at Border's, Barnes and Noble, etc.
>=20
> This should be the first place for QST to be sold.
>=20
> 73 (Miss that one, too), Carl, WN3DUG
>=20
>=20
>=20

Date: Tue, 04 Nov 2003 09:57:29 -0500
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: neqrp@jona1.net, qrp-1@Lehigh.EDU

Subject: [160606] NEQRP SSB NET - not forgotten
Message-ID: <Law9-F81mGzf28YK2o900013586@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The last several weeks the propagation has been so miserable and the noise so high
I never bothered with sending cancelation emails. Now I need everyones help. With
the time change back to EDT where (freq) and what time/day would be best for our net?
I physically do not have room for 75 meter antenna but may try testing NVIS that I can
sneak up for one night and take down in the morning. But do not know how that
will work.

Email me with any ideas that you may have.

Have fun, Ron

Concerned that messages may bounce because your Hotmail account is over limit? Get Hotmail Extra Storage! <http://join.msn.com/?PAGE=features/es>

Date: Tue, 4 Nov 2003 09:57:57 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160607] RE: Nov. QST
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511EA3@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

And while we were at it, our Circulations folks figured out how they had =
messed up his address. :-)

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111

Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Steve Smith [mailto:sigcom@juno.com]
> Sent: Monday, November 03, 2003 1:12 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Nov. QST
>=20
>=20
> There you go guys. Isn't Ed just the best! TNX everyone who
> volunteered. This group is outstanding.
>=20
> 73.....Steve Smith WB6TNL
> Oxnard, CA USA =20
> "Snort Rosin"
> =20
> On Mon, 3 Nov 2003 10:11:28 -0500 "Hare,Ed, W1RFI" <w1rfi@arrl.org>
> writes:
> > Hi, Steve,
> >=20
> > I will send one along, on the house. QST stopped the newstand=20
> > project some time ago, as it was costing quite a bit each year for=20
> > little demonstrable gain.
> >=20
> > Helen, please send a November 2003 QST to Steve Smith,=20
> WB6TNL, first=20
> > class mail.
> >=20
> > 73,=20
> > Ed Hare, W1RFI
> =20
>=20
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!
>=20

Date: Tue, 4 Nov 2003 14:57:52 GMT
From: Kevin Anderson <k9iua@juno.com>
To: qrp-l@lehigh.edu
Subject: [160608] SS results for K9IUA

Message-ID: <20031104.065823.3638.609092@webmail14.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

Here is what got reported to 3830:
ARRL Sweepstakes Contest, CW

Call: K9IUA
Operator(s): K9IUA
Station: K9IUA

Class: Single Op QRP
QTH: IA
Operating Time (hrs):

Summary:

Band QSOs

160:
80:
40:
20:
15: 50
10:

Total: 50 Sections = 25 Total Score = 2,500

Club:

Comments:

Couldn't let SS weekend pass completely without some operating time, despite the fact I don't have a station set up right now.

Operated stationary QRP/mobile (without the /m on the call) from a parking lot near my apartment just to see how long it would take me to get to 50 Qs on just 15M. I'm glad I operated as late as I did on Sunday (after 2000 UTC), as I missed the flare and the band was hopping again. But, boy, am I rusty, rusty, rusty as an operator. Handlogged, with a paddle/keyer that has no memory. S&P mostly, with a few attempts at calling CQ, which usually netted someone each time. Thanks for the contacts. I am already looking forward to operating next year from the home we are buying...

Kevin, K9IUA

p.s. Not said in the 3830 message - it took me 3 hours and 10 minutes to get my 50 Qs :-(I'll probably submit the log as a Checklog, as I don't trust my logging this year and I would hate to get disqualified for next year.... If I recall right, I worked two (2) Q stations, including one who called me on my few attempts at calling CQ. Thanks!

* * * * *

Kevin Anderson, K9IUA, Dubuque IA

k9iua (at) juno (dot) com

* * * * *

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Date: Tue, 4 Nov 2003 08:06:42 -0700

From: kizerian@xmission.com

To: qrp-l@lehigh.edu

Subject: [160609] ElmerRadio Shameless Commercial Plug #2

Message-ID: <1067958402.3fa7c08205460@webmail.xmission.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit

Well folks, it's been a month since my last SCP and things are poppin' (in a modest sort of way)...the AM BCB Regen Kit is selling well enough...the international sales have been a surprise, Spain, Denmark, Hong Kong, Argentina...

Sales have kept so me busy putting together the regen kits together that I have not found time to put the finishing touches on the crystal radio kit. I had hoped to have it ready by now. It's very close...maybe in a week, I'll have a few to sell. This kit is a lot of fun too...a great little kit inspired by the old Heathkit, but updated and housed in an even smaller enclosure.

Other projects are coming along. I have a couple of shortwave designs that work quite well--just about to decide which one to use. And I am zeroing in on a couple of ham projects. Please no jokes about over hype. These kits will be very modest and great for beginners. All ElmerRadio kits

are designed to be a major step BELOW what is available now. These are absolute beginner kits, but it is quite amazing how many "old" guys are buying and building them.

Look for my add in the next issue of the Homebrewer.

And check out my website www.elmerdude.com

Thanks for the opportunity to pitch my goods...see you next month.

Bruce kk7zz
www.elmerdude.com

Date: Tue, 4 Nov 2003 09:10:12 -0600
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: <gqrp@yahoogroups.com>, <njqrp@njqrp.org>, <qrp-1@Lehigh.EDU>
Cc: <giulianori@libero.it>
Subject: [160610] FW: [NoGaQRP] Elecraft K1 SSB modification
Message-ID: <3CD5FC1B2837DC46BC77FDDF187C26E3149D7A@tx-msg07-ccc.wireless.attws.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

AS you can see, this is from the NoGaQRP reflector - I am forwarding as =
1) a favor to Guiliano & 2) because it looks like a great way to get =
PSK31 on the K1!! Guiliano can be reached at giulianori@libero.it so =
check this out!

72 de N4MVL Lee

I have made a modification to trasform the ELECRAFT K1 cw transceiver =
into a
CW / SSB transceiver.
The mod. i professionally made and KIT disassembled or assembled is
available.
To have detailed informations see my web page:
http://it.geocities.com/giuliano0cg/k1_page.html

The mod. is working on the Norcal Sierra Transceiver too.

73 to all

Giuliano
IOCG
Italian amateur radio
ARI and ARRL member
K1 #1523, Norcal Sierra Wildeness Radio

NoGaQRP mailing list
NoGaQRP@mailman.qth.net
<http://mailman.qth.net/mailman/listinfo/nogaqrp>

Date: Tue, 04 Nov 2003 15:49:19 +0000
From: wa6ltv@comcast.net
To: qrp-l@lehigh.edu
Subject: [160611] I LIKE MINE....
Message-ID: <110420031549.10903.175e@comcast.net>

DEAR UNHAPPY,

I am very glad to own my 38 special. It works great. Looks great in the nice Doug Hauff machined case. I still use it. I did the mods with style and no problems. It was fun. I have another one with case to build. I have the matching Rainbow tuner with case also. Makes for a very nice portable set up.

My Red Norcal 20 is a very fine, well designed rig. Has a lot of parts, and was a fun rig to build. It came about as a club venture as so many of our other QRP rigs do. The price we pay for the rigs is very minimal, considering the engineering time involved. Then de bug..redesign..lay out the (possible) final design. Order parts, divide them up, put in some form of kit. OH yea... now write up a book for all to be able to follow, advanced to beginning builder. While all the time holding down two full time jobs. Work and a family.

OH yea... my new Elecraft K2 #489 with all the accessories required "MODS" and worked just great when I got done.

I like to build, and find enjoyment in doing so. I am glad some smarter than I take the time to post their findings for improvements and "MODS", to improve the performance of my new project.

I look forward to getting my new kit. I am sure it will be a nice addition to my collection of radios or accessories. "Thanks" to those who are able to find the extra time to put out quality kits for us all to enjoy.

So..UNHAPPY please do us all a favor and DON'T get any of the new kits, and post your displeasure with doing "MODS" if required. That's just part of the hobby.

--

Thanks, Chuck

WA6LTV/4

My homebuilt airplane required "MODS".....

Date: Tue, 04 Nov 2003 10:57:54 -0500

From: Alex <kr1st@amsat.org>

To: unlisted-recipients;; (no To-header on input)

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [160612] Re: Nov. QST

Message-ID: <3FA7CC82.54292F35@amsat.org>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

"Hare, Ed, W1RFI" wrote:

> If you think it should continue to be sold on the newsstands, what other ARRL programs do

> you think should be cut or curtailed? That's pretty much how it has to work.

If that's how it "pretty much has to work", then which ARRL programs benefited from QST being taken off the news stand? (now don't just say "all", be just as specific as you have requested above)

73,

--Alex KR1ST

Date: Mon, 03 Nov 2003 14:49:48 -0500

From: Steven Weber <kd1jv@moose.ncia.net>

To: qrp-l@lehigh.edu

Subject: [160613] Elecraft SWR meter

Message-ID: <3.0.6.32.20031103144948.0079f100@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

A number of guys have told me they can't find the new Elecraft SWR meter on the web site and do I know what the correct one is, ect.

All I know is I saw them at Pacificon a couple of weeks ago. I even had one in my hand. If thier not on the web page, that must mean thier no yet in general production. Maybe Wayne or Eric can clue us in :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 4 Nov 2003 11:17:14 -0800
From: "Mike Boatright" <ko4wx@mindspring.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Cc: "NOGA QRP Club" <nogaqrp@mailman.qth.net>, <wa6ltv@comcast.net>
Subject: [160614] Re: I LIKE MINE....
Message-ID: <NFBBIILMKCMILGKAJMBLKEIOCMMA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You tell 'em, Chuck!

BTW, Chuck was one of the first place winners at the FDI Building Contest
this past May...

72 de Mike, K04WX

DEAR UNHAPPY,
I am very glad to own my 38 special. It works great. Looks great in the nice
Doug Hauff machined case. I still use it. I did the mods with style and no
problems. It was fun. I have another one with case to build. I have the
matching Rainbow tuner with case also. Makes for a very nice portable set
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While all the time holding down two full time jobs. Work and a family.

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I look forward to getting my new kit. I am sure it will be a nice addition to my collection of radios or accessories. "Thanks" to those who are able to find the extra time to put out quality kits for us all to enjoy.

So..UNHAPPY please do us all a favor and DON'T get any of the new kits, and post your displeasure with doing "MODS" if required. That's just part of the hobby.

Date: Tue, 4 Nov 2003 11:32:25 -0500
From: Steve.Lawrence@ITWFEG.COM
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160615] RE: WINDINGS CALCULATOR
Message-ID: <0FD4EB75FD.E9E9504F-0N85256DD4.005AA298-85256DD4.005ADB88@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Here's another useful toroid winding calculator, along with a table of common winding/core/inductance configurations:

<http://partsandkits.com/toroids.asp>

Steve
aa8af

Date: Tue, 4 Nov 2003 10:33:45 -0500
From: "William H. O'Hara III" <ohara@aaaahawk.com>
To: <qrp-1@Lehigh.EDU>
Subject: [160616] Re: National Radio Emergency Network (NREN)
Message-ID: <030f01c3a2f2\$8f11ce40\$b9d63f40@aaaahawk.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Do you understand how the NTS system works?
I do not think there is any need for your system
Everything mentioned are actually capabilities of
the current system. Why bother with a competing

system when the current one is dying due to replacing modern technology?

Bill

> FYI

>

> *****

>

> The National Radio Emergency Network (NREN) will commence operations
> December 1, 2003. This program is a cooperative effort developed by a
> number of CW net managers throughout the United States. It is intended to
> provide an alternative public service network geared to low-power,
portable,
> and mobile stations.

>

> At the present time, there are numerous High Frequency SSB nets geared to
> regional or special purpose communications functions. While these nets do
> an excellent job and are to be commended, access to these communications
> circuits often proves difficult for low power or portable stations (i.e.
> QRP, etc.), particularly when propagation conditions are less than
optimal.

> Because CW provides significantly more reliability for stations operating
at

> low power levels (QRP) or with compromise antennas, this will be a "CW
> based" program.

>

> Through NREN, one can.....

>

> * Originate routine messages to locations throughout the United States and
> Canada. These messages may be refiled to existing NTS circuits, or, in
the

> case of time sensitive messages, may be delivered via Internet or other
> public telecommunications resource as requested by the originator.

>

> * Originate priority or emergency traffic when scheduled nets are not in
> session or when one is located in an area where there is no viable ARES
> group or similar public service program (rural areas, etc.).

>

> * Facilitate coordination or the establishment of point-to-point circuits
> between distant locations in time or emergency, such as a circuit linking
> one or more ARES or NTS Nets.

>

> NREN is not intended as a substitute for existing NTS or ARES nets.
> However, there are many occasions when communications must be established
> when these nets are not in session. In addition, the time sensitive
nature

> of some public service traffic is such that the usual cycle of NTS nets
may
> occasionally need to be bypassed.
>
> NREN works on the time-tested principle of a "radio watch." NREN member
> stations throughout North America maintain a watch on one or more of three
> selected frequencies. These frequencies, located in the 40, 30, and 20
> Meter bands have been selected after a two month study of general Amateur
> Radio activity.
>
> In order to originate a message, all one has to do is call "NREN" and list
> traffic for subsequent routing and delivery. The traffic will then be
> routed to the appropriate NTS network or delivered directly as required by
> an NREN operator.
>
> A complete description of NREN, along with a file containing the NREN
> Standard Operating Procedures is available at:
>
> www.aa8vs.org/nren/
>
> It is our hope that this program will provide an excellent alternative for
> stations with an interest in effective, reliable, public service and
> emergency communications. Please visit our web page and check us out!

Date: Tue, 4 Nov 2003 11:59:10 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160617] OT CP0
Message-ID: <001301c3a30e\$23ce5420\$5ffa998d@vaio>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have a CP0, tapes or CD for an aspiring Technician? 73 /TNX, W2WU

Date: Tue, 4 Nov 2003 09:13:04 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: "John Harper" <john@ae5x.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160618] Re: New Club Kit coming
Message-ID: <005101c3a2f6\$e9f57ce0\$896aadcfc@RadioRoom>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friends,

Once again the QRP community owes a debt of gratitude to the folks behind the AMQRP club for the continuing flow of wonderful homebrew gear. Sitting on the shelf behind my desk is an SMK-1, NorCal 20, 38 Special, 49'er, Nor'easter, Sniffer, Rainbow Tuner, Stinger Singer, PSK-80 Warbler, TiCK keyers and a bunch of other treasures. The world is a better place because of the generosity of the men and women behind NorCal, the AMQRP club, NJQRP club, Arizona Scorpions and others. Were it not for the likes of Steve Weber, George Heron, Doug Hendricks, Joe Everhart, Dave Fifield, Dave Benson, Wayne Burdick, Eric Swartz, Dan Tayloe we would not have the gear or the technical expertise we take for granted today.

For dissenters such as John Harper, I encourage you to develop your own designs to share.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Tue, 04 Nov 2003 07:44:46 -1000
From: John Buck <kh7t@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [160619] re: DSW-II-20 sold
Message-ID: <3FA7E58E.2020206@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

My DSW-II-20 has been spoken for.
Thank you,
John KH7T

Date: Tue, 4 Nov 2003 12:52:24 -0800
From: "Mike Boatright" <ko4wx@mindspring.com>

To: "Qrp-L" <qrp-l@Lehigh.EDU>
Cc: <w2wurjj@verizon.net>
Subject: [160620] Re: OT CPO
Message-ID: <NFBBIILMKMIILGKAJMBLAEJACMAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't see how this is "OT" in the least...

In any case, if you are an ARRL member, check out
<http://www.arrl.org/news/features/2003/10/30/1/?nc=1> not only will you then
have a CPO, you will have gained your first experience in radio
construction. This one should be pretty easy to build (part of the Leagues
"Big Project") and all the parts should be available from your local
RadioShack store...

Another benefit of ARRL membership...

72 de Mike, K04WX

Date: Tue, 4 Nov 2003 10:13:54 -0800
From: "Lee Hopper" <leehopp@msn.com>
To: "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>
Subject: [160621] FS: Book: Oscilloscopes - Selecting & Restoring a Classic
Message-ID: <BAY4-DAV121Y6YHkidc00000002c@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Everything you wanted to know about Tektronix scopes of the 50's & 60's -
described by the author as the essential bargain hunter's guide.

The author, Stan Griffiths, W7NI, is a retired Tektronix technician &
troubleshooter. He is well known among Oregon hams.

Chapters include:

- How an oscilloscope works
- Determining Instrument Condition
- Cleaning Your Oscilloscope
- Electrically Restoring Your Oscilloscope
- Instrument Descriptions (Nomenclature, Last catalog price, Description,
Special considerations, Recommendations, Approximate price & pictures.

Condition: very good. Front cover curls a bit (paperback)

To your door for \$25.00

73 -

Lee Hopper, NB7F
Portland, OR

Date: Tue, 4 Nov 2003 10:54:57 -0800
From: "Lee Hopper" <leehopp@msn.com>
To: "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>
Subject: [160622] Re: FS: Book: Oscilloscopes - Selecting
Message-ID: <BAY4-DAV150tu1c4NxCO000131b@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sold!

Tnx for the interest. Others interested in buying this book might contact Stan directly - QRZ was good last time I checked.

73 -

Lee Hopper, NB7F
Portland, OR

Date: Tue, 04 Nov 2003 14:00:09 -0500
From: "Sergio T. Ruiz" <sergio@philway.com>
To: qrp-l@Lehigh.EDU
Subject: [160623] novice subbands..
Message-ID: <5.1.0.14.0.20031104135100.00bc6418@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i know there is a novice (for us slowpokes) subband on 40..

but is there anywhere else a guy like me can go with my hw-8 where i won't get my doors blown off?

i can do 80/40/20/15

i like 40 alot, but by the time i get home and unpacked at the end of the day, the novice part of 40 is gone...

thanks!

Sergio T. Ruiz
technology and MIS
Philway Products, Inc.
(419) 281-7777 x232

Date: Tue, 04 Nov 2003 11:07:44 -0800
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [160624] RE: Regen Receiver Fun
Message-ID: <BLEKJMCJB0EAAIECDNNCCEKMHGAA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Many years ago, one of my SWL buddies in South Africa built a regenerative receiver to listen to the medium-wave broadcast band and the 1.8 ~ 3 MHz coastal marine band just above it.

Whilst monitoring 2182 kHz for distress calls, he heard his father calling him from downstairs. "There's a green Post Office van in our driveway, with some kind of aerial on its roof."

It was the Radio Inspector, and he wasn't coming for tea. The kid had set his regeneration a little too hot.

Cheers for now, 73,
Adam VA70J/AB40J

Date: Tue, 4 Nov 2003 14:11:51 EST
From: ARDUJENSKI@aol.com

To: qrp-1@lehigh.edu
Subject: [160625] DK9SQ Mast and Loop?
Message-ID: <1d1.13a14377.2cd953f7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have been looking at various portable antennas primarily for 40 and 20m. I ran a rough evaluation on EZNEC and find the patterns rather interesting. For 20m I kept the loop closed and note the dipole type lobe pattern broadside and for 40m opened it at the top and found a somewhat dipole pattern endfire

40m---2.7 dB at 25 degree angle
40m---with apex closed pattern is high lobe (NVIS)
20m---5.7 dB at 45 degree angle

There is almost 2 S-unit reduction 90 degrees to the lobes making it fairly directional.

QUESTION: I note that they feed it with coax and wondering if anyone has modified the loop to feed it with balanced line?

QUESTION 2: Has anyone added a stub to the apex to be open on 40 and closed on 20m+??

QUESTION 3: Has anyone using the DK9SQ 40-10m loop experienced these predicted results in actual use?

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Tue, 04 Nov 2003 14:21:34 -0500
From: "Sergio T. Ruiz" <sergio@philway.com>
To: qrp-1@Lehigh.EDU
Subject: [160626] dang my indecision..
Message-ID: <5.1.0.14.0.20031104141830.00b70f30@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

say a guy had a few bucks to spend.. but not MAJOR bucks to spend..

what would the tradeoffs be if he had to decide between the k1 and the kx1?

i know there is the matter of an extra band (15/17) with the k1..

but is there anything else said mr. moneybags would gain by deciding in either direction..?

i know he is sure liking that kx1...

not that i know him that well or anything..

he is just..

err..

a friend!

Sergio T. Ruiz
technology and MIS
Philway Products, Inc.
(419) 281-7777 x232

Date: Tue, 04 Nov 2003 09:43:03 -0600
From: Mark Milburn <mark.milburn@ispwest.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [160627] Iowa QRP Club CW Net
Message-ID: <3FA7C907.FFD96AAE@ispwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Iowa QRP Club CW Net will be held on or around 3.709 Wednesday night
at 8 PM Iowa time, or Thursday morning 0200Z.

Join us if you can.

--
73 Mark KQ0I
Des Moines, Iowa
packet: KQ0I@KQ0I.#CIA.IA.USA.NOAM
Instant Messenger: markkq0i

Date: Tue, 4 Nov 2003 14:29:03 -0500
From: "w8diz" <w8diz@cinci.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [160628] FPqrp 40 Meter Truffle Hunt tonight!
Message-ID: <003101c3a309\$e7efc730\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Here is the info for tonight's Truffle Hunt.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:67 FT Vertical Dipole <http://kitsandparts.com>

----- Original Message -----

From: "William Todd" <wptodd@techline.com>
To: <fpqrp-1@fpqrp.com>
Sent: Tuesday, November 04, 2003 9:40 AM
Subject: [fpqrp] FPqrp 40 Meter Truffle Hunt tonight!

Hello my fellow piggies -

Tonight we have the second installation of the Flying Pigs Winter Truffle Hunt, beginning at 01:30 UTC on Monday evening in the US/CA (5:30 PST/ 8:30 EST).

I invite all piggies to give our second Hunt a try, and to prove that the latest solar flare cannot prevent us from having a fun time. That's right - who does the Sun think he/she is anyway? lol

I'll be operating on 7.044 (up freq for QRM), and I'll keep the CW speed to about 20 WPM. All of the new Piggies are especially invited to join in.

http://fpqrp.com/pig_hunt.html

C U then -
Bill-N7MFB
(Proud Porker #419)

Date: Tue, 04 Nov 2003 14:33:05 -0500

From: Garey Barrell <k4oah@mindspring.com>
To: leehopp@msn.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [160629] Re: FS: Book: Oscilloscopes - Selecting
Message-ID: <3FA7FEF1.3000908@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Or you can purchase from Electric Radio Magazine

www.ermag.com

for \$22.45 plus \$4 shipping. Additional books at 10% off list are also available, and only \$1 each for shipping after the first one.

73, Garey - K40AH
Atlanta

Lee Hopper wrote:

> Sold!
>
> Tnx for the interest. Others interested in buying this book might contact
> Stan directly - QRZ was good last time I checked.
>
> 73 -
>
> Lee Hopper, NB7F
> Portland, OR
>

Date: Tue, 4 Nov 2003 14:35:56 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <sergio@philway.com>
Subject: [160630] Re: dang my indecision..
Message-ID: <002e01c3a30a\$de23bb70\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Isn't it as much a matter of operating style as anything else? Looks to me

as if the KX1 is more comfortable on the trail, sitting on a rock, rig on your lap. The K1 is more of an operating table/hotel room sort of rig.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Sergio T. Ruiz" <sergio@philway.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 04, 2003 2:21 PM
Subject: dang my indecision..

>
> say a guy had a few bucks to spend.. but not MAJOR bucks to spend..
>
> what would the tradeoffs be if he had to decide between the k1 and the
kx1?
>
> i know there is the matter of an extra band (15/17) with the k1..
>
> but is there anything else said mr. moneybags would gain by deciding in
> either direction..?
>
> i know he is sure liking that kx1...
>
> not that i know him that well or anything..
>
> he is just..
>
> err..
>
> a friend!
>
>
> ____
> Sergio T. Ruiz
> technology and MIS
> Philway Products, Inc.
> (419) 281-7777 x232
>
>

Date: Tue, 4 Nov 2003 11:49:08 -0800 (PST)

From: David Toepfer <davetoepfer@yahoo.com>
To: sergio@philway.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160631] Re: dang my indecision..
Message-ID: <20031104194908.85105.qmail@web12807.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "Sergio T. Ruiz" <sergio@philway.com> wrote:
> say a guy had a few bucks to spend.. but not MAJOR bucks to spend..
> what would the tradeoffs be if he had to decide between the k1 and the kx1?
> i know there is the matter of an extra band (15/17) with the k1..
>
> but is there anything else said mr. moneybags would gain by deciding in
> either direction..?

Sergio, I suggest you subscribe to the Elecraft reflector. This was just posted. I hope it answers your question.

>>>>
--- John C Ceccherelli <cecchere@us.ibm.com> wrote:
> To: elecraft@mailman.qth.net
> From: John C Ceccherelli <cecchere@us.ibm.com>
> Subject: [Elecraft] K1 vs. KX1 Smackdown
> Date: Tue, 4 Nov 2003 12:58:08 -0500
>
>
>
>
>
> <Any comments detailing the comparison between the two rigs using the
> <same antenna to ascertain the receive performance on CW? While I don't
> <feel that the rigs compete against each other, I am interested in how
> <well the KX1 stacks up against the K1.
>
> Here's my experience with my K1 (s/n 667) and KX1 (s/n 179)
>
> Executive summary:
> The K1 is a better receiver.
>
> The K1 is probably pushing the upper limit of Gilbert cell (SA602) mixer
> performance, it's going to be hard to beat.
>
> Given what the KX1 is designed for, it's pretty darn good. Here's what I
> noticed in the November Sweepstakes contest.
>
> Image and opposite sideband rejection isn't as good as the K1 but it's not
> much of a problem either.

>
> There's a little bit of scratchy pop on the TX/RX switchover due to a
> simpler muting circuit. Not a real problem either.
>
> The KX1 appears to have a tad more IMD with strong near signals but hard to
> tell without actually measuring it.
>
> The KX1 puts out 4 watts max at 13.5 volts, my K1 will do 7 watts (6 on 15
> meters)
>
> The KX1 is 3 bands vs. K1 @ 4 bands
>
> The KX1 has a nifty little reading lamp, the K1 doesn't
>
> The KX1 tunes out of band and receives USB and LSB, the K1 doesn't
>
> The KX1 has three rubber feet, the K1 has four--so the KX1 doesn't wiggle
> around on an uneven rock or log, the K1 does.
>
> The KX1 is 1/3 the weight and 1/4 the volume of the K1.
>
> The KX1 has won a spot in my backpack, the K1 now has home QTH duty.
>
> That's the way I see it anyway...
>
> N2XE
> John Ceccherelli
>
> -----
> Elecraft mailing list: Elecraft@mailman.qth.net
> You must be subscribed to post to the list.
> To subscribe or unsubscribe see:
> <http://mailman.qth.net/mailman/listinfo/elecraft>
> Elecraft Web Page: <http://www.elecraft.com>
> Also see: http://www.elecraft.com/elecraft_list_guidelines.htm
<<<<

Date: Tue, 4 Nov 2003 14:51:22 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160632] RE: Nov. QST
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511EB2@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Can't do it, Alex. How can I tell you which programs would have been =
cut or curtailed if ARRL had continued to lose money on the newsstand =
project? I can tell you which programs I believe should have been cut =
if ARRL had wanted to continue it.=20

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Alex [mailto:kr1st@amsat.org]

> Sent: Tuesday, November 04, 2003 10:58 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Nov. QST

>=20

>=20

> "Hare,Ed, W1RFI" wrote:

>=20

> > If you think it should continue to be sold on the=20

> newsstands, what other ARRL programs do=20

> > you think should be cut or curtailed? That's pretty much=20

> how it has to work.

>=20

> If that's how it "pretty much has to work", then which ARRL programs

> benefited from QST being taken off the news stand? (now don't just say

> "all", be just as specific as you have requested above)

>=20

> 73,

> --Alex KR1ST

>=20

Date: Tue, 4 Nov 2003 14:59:42 -0500 (Eastern Standard Time)

From: "Pastor-kc1di" <elbc2@zwi.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [160633] Bands

Message-ID: <3FA8052E.0000003.02816@DOR>

MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

Guess the Sun must be doing it's thing Absolutely no signals on any band
here in Maine at the Moment.=0D
73 Dave =0D
=20

Date: Tue, 4 Nov 2003 14:38:36 -0500
From: "kb1fkl" <kb1fkl@myeastern.com>
To: <qrp-l@lehigh.edu>
Cc: <marxma@myeastern.com>
Subject: [160634] FS: KB1FKL shack items
Message-ID: <000501c3a30b\$3d55b260\$1650fea9@myeastern.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Some qrp and non-qrp items FS here first. None have original packaging, but I am the first owner/builder for all, have all manuals/documentation, and all work fine with no obvious blemishes. Smoke-free shack. I have been a ham for just three years, so nothing is older than that. I will pay standard shipping (UPS ground or USPS priority) to CONUS, and will sell as one lot for \$450. Please respond with queries to my other email address - marxma@myeastern.com for fastest response. I don't check the mail that I use for my lists (kb1fkl@myeastern.com) on a daily basis.

Regards,
Matt Marx
KB1FKL
Waterford, CT
marxma@myeastern.com

1. EMTECH ZM-2 ATU \$30.00 Note: This was my first kit. It works
FB, but isn't the prettiest inside. BNC connectors
2. ICOM M3A \$75.00 Note: Marine and weather band HT.
With wall wart and 12VDC cable
3. ICOM R10 \$125.00 Note: DC-to-daylight hand-held

receiver/scanner, with wall wart and 4 NiCd batteries

4. Tick-4 keyer \$20.00 Note: Built, in altoids box.
Non-volatile settings and two-message memory.

5. LDG AT-11MP tuner \$100.00 Note: Factory built, with cable for
IC-706.

6. SW20+ w/rit and freq-mite \$90.00 Note: 20+ is built, in SWL
case/hardware. rit and freq-mite are new in original packages, unbuilt.

7. Am-Comm speaker \$75.00 Note: ClearSpeech digital speaker.
Not as useful to me now that I am all-CW, not phone.

Date: Tue, 04 Nov 2003 13:59:50 -0600
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-1@lehigh.edu
Subject: [160635] seeking wav file of SID
Message-ID: <3.0.1.32.20031104135950.007ba660@baton.phys.lsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm going to devote most of my QRP forum talk at the Baton Rouge LA hamfest
(Nov 8) <<http://www.brarc.org/>> to the effects of solar flares, given the
recent news coverage. Been banging away at PowerPoint for a couple of days
:^))

So here's a longshot request - was anyone who was operating during Sunday's
SS by chance recording their operations either on tape, CD, or .wav and got
lucky enough to capture the SID that occurred about 1730Z Sunday when the
bands went dead?

Alternatively, does anyone know of a .wav or .ra file on the web of such an
event? Or a recording of the warbly note of over-the-poles signals?

72
Jim N5IB

Date: Tue, 4 Nov 2003 12:16:05 -0800
From: Mik Ishmael <mightymik2@comcast.net>
To: kd1jv@moose.ncia.net
Cc: Low Discussion <qrp-1@lehigh.edu>

Subject: [160636] Re: Elecraft SWR meter
Message-ID: <B7E85E9C-0F03-11D8-A6B6-000A277EDE44@comcast.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

The answer i got was that it may be a mini module under development.

clues and potential pricing welcome.

On Monday, November 3, 2003, at 11:49 AM, Steven Weber wrote:

> A number of guys have told me they can't find the new Elecraft SWR
> meter on
> the web site and do I know what the correct one is, ect.
>
> All I know is I saw them at Pacificon a couple of weeks ago. I even
> had one
> in my hand. If thier not on the web page, that must mean thier no yet
> in
> general production. Maybe Wayne or Eric can clue us in :-)
>
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>
>

Date: Tue, 4 Nov 2003 12:42:27 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: a low-energy group <qrp-l@lehigh.edu>
Subject: [160637] K1 vs. KX1
Message-ID: <20031104204227.73248.qmail@web41014.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

>
> > --- "Sergio T. Ruiz" <sergio@philway.com> wrote:
> >
> >
> >
> >

```

> >>> what would the tradeoffs be if he had to decide
> >>> between the k1 and the kx1?
> >
> >
> >
> > That would be a really tough call. There has to
> > be
> > a way for you to try both before deciding, imho.
> >
> > There's the extra watt with the K1. There's also
> > more
> > audio volume with the K1, although the KX1 is fine
> > with phones, and I haven't heard one drive a
> > speaker
> > yet.
> >
> > The KX1 has some design features that I like a
> > lot:
> > the RF and filter pots, the wider filter, the
> > ability
> > to listen to SSB and SWL broadcasts, the ability
> > to
> > operate over wider segments of the bands.
> >
> > I think maybe the autotuner available for the K1
> > is
> > able to work over a wider range of (what?
> > impedences?)
> > somethingorother than the KX1's. But that Kixie's
> > ATU
> > works awesome good, even if it DOES only weigh an
> > ounce.
> >
> > Tough dang call.
> >
> > 72,
> >
> > LL
> >
> > =====
> > 73, 72 es oo, Lloyd, K3ESE - Reisterstown,
> > Maryland
> > KX1#11 - multiPIG+#14 - K1#379 - 20/40M RockMites
> >
> > Hunk o' Wahr - Begali Magnetic Classic Paddles
> > ARRL - ARS - QRParci - QCWA - FISTS #8774
> > FPQRP #476 - QRP-L - BORG #2
> > Fun = Skill / Power !

```

>
>

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 4 Nov 2003 11:35:43 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: sergio@philway.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160638] Re: dang my indecision.. take two!
Message-ID: <20031104193543.98059.qmail@web41003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

also, the K1 can cover six bands! With a simple board
change.

LL

=====
73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 04 Nov 2003 14:52:08 -0600
From: jmurman@centurytel.net
To: <fpqrp-1@mpna.com>, <qrp-1@Lehigh.EDU>
Subject: [160639] Re: Bands
Message-ID: <200311042040.hA4KedwP063636@rogue.centurytel.net>
Content-type: text/plain

According to www.spaceweather.com, there was an X-11 class flare at 1950 UTC.

73 00

Michael

WN5T

Lamar, AR

----- Original Message -----

From: "Pastor-kc1di" <elbc2@gwi.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tue, 4 Nov 2003 14:59:42 -0500 (Eastern Standard Time)

Subject: Bands

> Guess the Sun must be doing it's thing Absolutely no signals on any band

> here in Maine at the Moment.

> 73 Dave

>

>

>

Date: Tue, 4 Nov 2003 15:59:55 -0500

From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [160640] Re: K1 vs. KX1

Message-ID: <01b701c3a316\$99a94080\$090044c0@BrianBoru>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Look pretty clear then ... gotta have 'em both.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>

didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Lloyd Lachow" <llachow@yahoo.com>

Subject: K1 vs. KX1

> > > There's the extra watt with the K1. There's also
> > more
> > > audio volume with the K1, although the KX1 is fine
> > > with phones, and I haven't heard one drive a
> > speaker
> > > yet.
> > >
> > > The KX1 has some design features that I like a
> > lot:
> > > the RF and filter pots, the wider filter, the
> > ability
> > > to listen to SSB and SWL broadcasts, the ability
> > to
> > > operate over wider segments of the bands.
> > >

Date: Tue, 4 Nov 2003 16:03:30 -0500
From: "Jason Hsu" <jhs001@heronetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160641] Re: Elecraft SWR meter
Message-ID: <005e01c3a317\$1bdc3ee0\$64923144@aolds1.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

An alternative to building the Elecraft SWR meter is building the QROP Meter, the Next Generation SWR/wattmeter that I designed and built for my graduate school independent study project last semester. I uploaded an article on how to build it at:
<http://www.jasonhsu.com/ee.html>

The advantages of my SWR/wattmeter instrument over the other designs out there:

1. Both QRO and QRP capability: 200mW to over 100W! This is the best of both worlds!
2. LED displays instead of tiny, confusing cross-needle meters
3. Better accuracy at QRP power levels, due to the diode drop loss compensation
4. Better resolution at high SWR levels, even SWR levels above 5!
5. No calibration needed!

Admittedly, there is no QROP Meter kit available, so you'll have to order 1N34A diodes, FT82-43 toroids, and other parts only available by mail order

or the Internet. However, you also have flexibility. For example, you can build your QROP Meter with SO-239s and not be stuck with the BNCs that are incompatible Yaesu/Icom/Kenwood products and most of the antennas on the market. (I may be flamed for this, but I prefer SO-239s and PL-259s for HF. It's the established standard, and if everyone stuck with the established standard, you wouldn't need adapters or several different sets of coax. And on HF, feedline and connector losses are low. I also prefer to use Radio Shack DC connectors instead of PowerPoles. All Radio Shack DC power connectors and accessories are available at Radio Shack. Power Pole accessories are MUCH less widely available.)

Jason Hsu, AG4DG
personal AAAATTTT jasonhsu.com

Date: Tue, 04 Nov 2003 16:07:44 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [160642] Re: DK9SQ Mast and Loop?
Message-ID: <3FA81520.9080302@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> QUESTION: I note that they feed it with coax and wondering if anyone has
> modified the loop to feed it with balanced line?

Yes, I feed mine with twinlead. I got rid of the crummy balun that comes with it, and use a W1CG 4:1 balun at the rig.

>
> QUESTION 2: Has anyone added a stub to the apex to be open on 40 and closed
> on 20m??

I added a trap tuned for 40M to open the thing for 40M operation. It fits in a 35mm film can. (plastic)

>
> QUESTION 3: Has anyone using the DK9SQ 40-10m loop experienced these
> predicted results in actual use?

I have used it quite a bit. Worked VE7SL on 40M when he was using his TT2. lso had excellent results on both 20 and 15M with it.

John W2AGN

Date: Tue, 04 Nov 2003 16:09:57 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [160643] Re: Bands
Message-ID: <3FA815A5.503@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Guess the Sun must be doing it's thing Absolutely no signals on any band
> here in Maine at the Moment.
> 73 Dave

Another X17 flare. Not so good for truffles and foxii.

John W2AGN

Date: Tue, 4 Nov 2003 13:17:31 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio <qrp-1@lehigh.edu>
Subject: [160644] n5obc virus mail alert
Message-ID: <20031104211731.12478.qmail@web60509.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just wanted to let you all know what was in a E-Mail I
got from ??N50BC

Scan result: Virus "W32.Nolor@mm.Dr" found.

72
Bob
KB2FEL/8

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 04 Nov 2003 16:49:17 -0500
From: Brad Thompson <Brad.Thompson@VALLEY.NET>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160645] One person's opinion on BPL
Message-ID: <5.0.2.1.2.20031104164326.02210ab0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

I write a bimonthly opinion column for Test & Measurement World, a controlled-circulation magazine published by Reed Business Information and dedicated to electronic test techniques and instruments. Our group's recent discussion on BPL inspired me to write the following column for our readers, many of whom aren't involved with Amateur Radio but do have an interest in minimizing EMI:

<http://www.reed-electronics.com/tmworld/index.asp?layout=article&articleid=CA331930&stt=000&pubdate=11%2F1%2F2003§ion=Departments&subsection=Viewpoint>

73--
Brad AA1IP

Date: Tue, 4 Nov 2003 14:12:52 -0800
From: John Rollins <kd7bcy@teleport.com>
To: qrp-1@lehigh.edu
Subject: [160646] Re: Bands
Message-ID: <a06002006bbcdd497299f@[192.168.8.17]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>According to www.spaceweather.com, there was an X-11 class flare at 1950 UTC.

That makes 7-10 flares depending on if you count ones under M3... After the megaflare last week I'm starting to get freaked. Someone on the Art Bell show said something about all this being caused by the sun not completing it's magnetic flip at the end of the cycle?

-JR

Date: Tue, 04 Nov 2003 17:13:31 -0500
From: "Mark S. Adams" <msadams@buffalo.edu>
To: qrp-1@lehigh.edu
Subject: [160647] X-20 MEGA-FLARE
Message-ID: <1067984011.3fa8248bb7658@mail11.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Gang,

Spaceweather.com is saying the following:

MEGA-FLARE: Giant sunspot 486 unleashed yet another powerful solar flare today (Nov. 4th, 1950 UT), and this one could be historic. The blast saturated X-ray detectors onboard GOES satellites. The last time that happened in 2001, the flare was classified as an X20--the biggest ever.

X-ray Solar Flares
6-hr max: X20 1950 UT Nov04
24-hr: X20 1950 UT Nov04

While many will be focused on bad things for HF operation, remember that for 6 and 2 meters (and maybe 222), this may be another WAY-COOL OPPORTUNITY for great Aurora!

Bottom Line: If HF is dead, got on 6M and have some great fun!

72,
Mark K2QO

Date: Tue, 4 Nov 2003 17:04:50 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160648] Launching Lines...
Message-ID: <006f01c3a31f\$adce54c0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This last weekend the ski area where I teach had it's 'lift evac training'.

We all ride the lift and when it stops, we have to get down without it restarting or moving.

Basically, they throw a line over the main cable, then raise a chair to lower people down.

The ski patrol had a nifty tool to put the line over the cable.

Now, if you're not a skier, you may not realize there's a BUNCH of cables up there. And usually the cable you need to get over is the 'last' one of a group, and there will other cables nearby. In the past, one the ski patrol used to climb each tower and they drop a rope over the cable then slide it to the chairs.

But what they used this year was a like a 'mace' or a 'battle hammer'. It was a softball duck-taped to the end of a dowel. The dowel was about 1-1/4" diameter and about 20" long. The softball had two pieces of tape on it, so that it appeared as an 'X' when viewed 'end on'. When the tape went down the shaft of the dowel, it was then wrapped with more tape. The other end of the dowel had a screw in 'eye' for attaching a rope.

I know, sounds stupidly simple. But with just a LITTLE practice, it was easy to get the thing over the CORRECT cable at up to 50 feet in the air.

Mike

Date: Tue, 04 Nov 2003 17:24:17 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [160649] Re: n5obc virus mail alert
Message-ID: <3FA82711.4010207@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Just wanted to let you all know what was in a E-Mail I
> got from ??N50BC
>
>
> Scan result: Virus "W32.Nolor@mm.Dr" found.
>
>
> 72

> Bob
> KB2FEL/8

Bob,

It is HIGHLY unlikely that this virus actually came from K50BC. As has been made pretty common knowledge, these things fake originators. So posting messages like "I got a virus from N50BC," really means nothing. I have noted several virus attachments, allegedly from some well-known members of this list. It just means the thing has accessed an address book with these email addresses.

John W2AGN

Date: Tue, 4 Nov 2003 14:57:55 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160650] Re: n5obc virus mail alert
Message-ID: <20031104225755.3087.qmail@web60505.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi John,

I understand the message, more then likely did not come from N50BC,,, I just wanted to let others on the list not to open the attachment. It may cause them problems.

I Would not want anyone to miss my posts HI HI.
Or any other!!

72

Bob

KB2FEL/8

--- John Sielke <jsielke@pobox.com> wrote:
> > Just wanted to let you all know what was in a
> E-Mail I
> > got from ??N50BC
> >
> >
> > Scan result: Virus "W32.Nolor@mm.Dr" found.
> >
> >
> > 72
> > Bob

> > KB2FEL/8
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>
> It is HIGHLY unlikely that this virus actually came
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> been made pretty common knowledge, these things fake
> originators. So
> posting messages like "I got a virus from N50BC,"
> really means nothing.
> I have noted several virus attachments, allegedly
> from some well-known
> members of this list. It just means the thing has
> accessed an address
> book with these email addresses.
>
> John W2AGN
>

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 4 Nov 2003 18:22:01 -0500
From: "John Harper" <john@ae5x.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [160651] QRP kits and salesmanship - some elaboration.....
Message-ID: <000d01c3a32a\$735f5f90\$6401a8c0@JOHN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.ae5x.com/kits.html>

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Tue, 4 Nov 2003 17:18:01 -0600

From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [160652] Truffle and Foxii's tonight
Message-ID: <000f01c3a329\$e50989a0\$4a78da0c@mchsi.com>

Well, It's storming in the mid west tonight folks. Should
make the Truffle / Fox hunts real interesting with all this static on
top of the flares.

GL to the Truffle and the Foxes.

Hope everyone has a super hunt.

72 es oo Jerry N0JRN
FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8

Date: Tue, 4 Nov 2003 18:46:58 -0500
From: "steve" <swells244@bellsouth.net>
To: "John Harper" <john@ae5x.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160653] Re: QRP kits and salesmanship - some elaboration.....
Message-ID: <000f01c3a32d\$ef9b8b30\$220110ac@STEVESL7X513D0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

JEESE get a life .If you dont like it dont buy it .Did you ever ask to
return your kit or did you just brood about it?

Steve

----- Original Message -----

From: "John Harper" <john@ae5x.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 04, 2003 6:22 PM
Subject: QRP kits and salesmanship - some elaboration.....

> <http://www.ae5x.com/kits.html>
>
>
> John Harper AE5X
> Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>
>

>
>

Date: Tue, 4 Nov 2003 15:47:16 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160654] Re: K1 vs. KX1
Message-ID: <20031104234716.69288.qmail@web41011.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "John J. McDonough" <wb8rcr@arrl.net> wrote:
> Look pretty clear then ... gotta have 'em both.
>

That's what I was TRYING to say...

LL

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 4 Nov 2003 18:47:16 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <qrp-1@lehigh.edu>
Subject: [160655] RE: One person's opinion on BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511ECF@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Good show, Brad! I will spread it around.

You may want to point the readers to some of the scientific information =
in ARRL's filings. Perhaps even more important, information on how they =
can make their views on BPL known to the FCC.

ARRL technical filings: =

http://www.arrl.org/tis/info/HTML/plc/#Amateur_Interference_Studies

How to file comments: <http://www.arrl.org/news/stories/2003/04/30/2/>

Video and audio recordings of BPL interference worldwide: =

<http://www.arrl.org/tis/info/HTML/plc#video>

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by =
membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----

> From: Brad Thompson [<mailto:Brad.Thompson@VALLEY.NET>]

> Sent: Tuesday, November 04, 2003 4:49 PM

> To: Low Power Amateur Radio Discussion

> Subject: One person's opinion on BPL

>=20

>=20

> Hello--

>=20

> I write a bimonthly opinion column for Test & Measurement World, a=20

> controlled-circulation magazine

> published by Reed Business Information and dedicated to=20

> electronic test=20

> techniques and instruments.

> Our group's recent discussion on BPL inspired me to write the=20

> following=20

> column for our readers, many

> of whom aren't involved with Amateur Radio but do have an interest in=20

> minimizing EMI:

>=20

> http://www.reed-electronics.com/tmworld/index.asp?layout=3Dartic
> le&articleid=3DCA331930&stt=3D0000&pubdate=3D11%2F1%2F2003§ion=3DDe
> partments&subsection=3DViewpoint
>=20
> 73--
> Brad AA1IP
>=20
>=20

Date: Tue, 4 Nov 2003 18:48:01 -0500
From: "kb1fkl" <kb1fkl@myeastern.com>
To: <kb1fkl@myeastern.com>, <qrp-1@lehigh.edu>
Subject: [160656] FS: update KB1FKL shack items
Message-ID: <00b901c3a32e\$15a89a20\$1650fea9@myeastern.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

The AT-11 is gone, the R10 is gone, and the ZM-2 is gone. Thanks for the interest - the other items remain.

Matt
KB1FKL

----- Original Message -----
From: "kb1fkl" <kb1fkl@myeastern.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 04, 2003 2:38 PM
Subject: FS: KB1FKL shack items

> All,
>
> Some qrp and non-qrp items FS here first. None have original packaging,
but
> I am the first owner/builder for all, have all manuals/documentation, and
> all work fine with no obvious blemishes. Smoke-free shack. I have been a
> ham for just three years, so nothing is older than that. I will pay
> standard shipping (UPS ground or USPS priority) to CONUS, and will sell as
> one lot for \$450. Please respond with queries to my other email address -
> marxma@myeastern.com for fastest response. I don't check the mail that I
> use for my lists (kb1fkl@myeastern.com) on a daily basis.
>
> Regards,

> Matt Marx
> KB1FKL
> Waterford, CT
> marxma@myeastern.com
>
>
>
> 1. EMTECH ZM-2 ATU \$30.00 Note: This was my first kit. It
works
> FB, but isn't the prettiest inside. BNC connectors
>
> 2. ICOM M3A \$75.00 Note: Marine and weather band
HT.
> With wall wart and 12VDC cable
>
> 3. ICOM R10 \$125.00 Note: DC-to-daylight hand-held
> receiver/scanner, with wall wart and 4 NiCd batteries
>
> 4. Tick-4 keyer \$20.00 Note: Built, in altoids box.
> Non-volatile settings and two-message memory.
>
> 5. LDG AT-11MP tuner \$100.00 Note: Factory built, with cable for
> IC-706.
>
> 6. SW20+ w/rit and freq-mite \$90.00 Note: 20+ is built, in SWL
> case/hardware. rit and freq-mite are new in original packages, unbuilt.
>
> 7. Am-Comm speaker \$75.00 Note: ClearSpeech digital speaker.
> Not as useful to me now that I am all-CW, not phone.
>
>

Date: Tue, 4 Nov 2003 18:56:22 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <Brad.Thompson@VALLEY.NET>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160657] RE: One person's opinion on BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511ED2@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Long URLs can be difficult to get to, becauase many mailers line wrap =

and then the user
has to cut and paste URLs. Brad's article can also be read at this =
redirect URL:

<http://tinyurl.com/tnlt>

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Brad Thompson [<mailto:Brad.Thompson@VALLEY.NET>]

> Sent: Tuesday, November 04, 2003 4:49 PM

> To: Low Power Amateur Radio Discussion

> Subject: One person's opinion on BPL

>=20

>=20

> Hello--

>=20

> I write a bimonthly opinion column for Test & Measurement World, a=20

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> techniques and instruments.

> Our group's recent discussion on BPL inspired me to write the=20

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> column for our readers, many

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> minimizing EMI:

>=20

> <http://www.reed-electronics.com/tmworld/index.asp?layout=3Dartic>

> le&articleid=3DCA331930&stt=3D0000&pubdate=3D11%2F1%2F2003§ion=3DDe

> partments&subsection=3DViewpoint

>=20

> 73--

> Brad AA1IP

>=20

>=20

End of QRP-L Digest 3094
